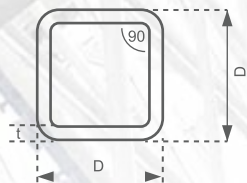




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จังหวัดระยอง 21120 Tel. 66(0)3301-2436-8



CARBON STEEL SQUARE PIPE

เหล็กงานโครงสร้าง

JIS G3466

MATERIAL OF GRADE	CHEMICAL COMPOSITION (%)					MECHANICAL PROPERTIES		
	C Max	Si Max	Mn Max	P Max	S Max	Yield Strength	Tensile Strength	Elongation
						N/mm ²	N/mm ²	%
STKR 400	0.25	-	-	0.04	0.04	245	400	23
STKR 490	0.18	0.55	1.50	0.04	0.04	325	490	23

Nominal Size		Thickness	Weight (plain end)	Cross Sectional Area	Geometrical moment of inertia (cm ⁴)	Modulus of section (cm ³)	Radius of gyration (cm)	Nominal Size		Thickness	Weight (plain end)	Cross Sectional Area	Geometrical moment of inertia (cm ⁴)	Modulus of section (cm ³)	Radius of gyration (cm)
A	B	mm	kg/m	cm ²	Ix,Iy	Zx,Zy	ix,iy	A	B	mm	kg/m	cm ²	Ix,Iy	Zx,Zy	ix,iy
40	40	1.60	1.88	2.392	5.79	2.9	1.56	175	175	4.50	23.70	30.17	1450	166	6.93
		2.30	2.62	3.332	7.73	3.86	1.52			5.00	26.20	33.36	1590	182	6.91
50	50	1.60	2.38	3.032	11.7	4.68	1.96	200	200	6.00	31.10	39.63	1860	213	6.86
		2.30	3.34	4.252	15.9	6.34	1.93			4.50	27.20	34.67	2190	219	7.95
		3.20	4.50	5.727	20.4	8.16	1.89			6.00	35.80	45.63	2830	283	7.88
60	60	1.60	2.88	3.672	20.7	6.89	2.37	250	250	8.00	46.90	59.79	3620	362	7.78
		2.30	4.06	5.172	28.3	9.44	2.34			9.00	52.30	66.67	3990	399	7.73
		3.20	5.50	7.007	36.9	12.3	2.3			12.00	67.90	86.53	4980	498	7.59
75	75	1.60	3.64	4.632	41.3	11	2.99	300	300	4.50	41.30	52.67	7630	508	12
		2.30	5.14	6.552	57.1	15.2	2.95			6.00	54.70	69.63	9960	664	12
		3.20	7.01	8.927	75.5	20.1	2.91			9.00	80.60	102.7	14300	956	11.8
		4.50	9.55	12.17	98.6	26.3	2.85			12.00	106.00	134.5	18300	1220	11.7
80	80	2.30	5.50	7.012	69.9	17.5	3.16	350	350	9.00	94.70	120.7	23200	1320	13.9
		3.20	7.51	9.567	92.7	23.2	3.11			12.00	124.00	158.5	29800	1700	13.7
		4.50	10.30	13.07	122	30.4	3.05								
90	90	2.30	6.23	7.932	101	22.4	3.56								
		3.20	8.51	10.85	135	29.9	3.52								
100	100	2.30	6.95	8.852	140	27.9	3.97								
		3.20	9.52	12.13	187	37.5	3.93								
		4.00	11.70	14.95	226	45.3	3.89								
		4.50	13.10	16.67	249	49.9	3.87								
		6.00	17.00	21.63	311	62.3	3.79								
		9.00	24.10	30.67	408	81.6	3.65								
125	125	3.20	12.00	15.33	376	60.1	4.95								
		4.50	16.60	21.17	506	80.9	4.89								
		5.00	18.30	23.36	553	88.4	4.86								
		6.00	21.70	27.63	641	103	4.82								
		9.00	31.10	39.67	865	138	4.67								
150	150	4.50	20.10	25.67	896	120	5.91								
		5.00	22.30	28.36	982	131	5.89								
		6.00	26.40	33.63	1150	153	5.84								
		9.00	38.20	48.67	1580	210	5.69								

Dimension Tolerances
Outside Diameter : ≤ 100 mm: ± 1.5 mm
> 100 mm: ± 1.5%

Thickness : < 3.00mm: ± 0.30 mm
≥ 3.00mm: ± 10%